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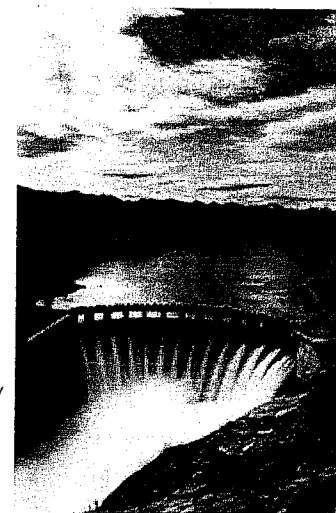
PPL Montana plans to increase the generating capacity of PPL Montana's largest hydroelectric facility.

The project involves replacing the runner on Unit 3 at Kerr Dam on the Flathead River southwest of Polson, Mont. The upgrade will increase the maximum output of the unit from 70 to 80 megawatts.

A runner, or waterwheel, looks like a spinning wheel, with fixed blades between two rims. A circle of guides surround the runner, controlling how much water drives the turbine.

PPL Montana had identified the potential for capacity upgrades at the Kerr hydro plant, so when last year's inspection showed that the 50-year-old Unit 3 runner required repairs, engineers knew that replacing the runner was an alternative to carefully consider.

Kerr's new runner, about 15 feet in diameter and stainless steel with a carbon steel crown, is scheduled to be installed in the fourth quarter of next year and is expected to be in service in early 2007.



Kerr Dam on Flathead River southwest of Polson, Mont.

Hydroelectric Power Spreadsheet

Dam	Capacity (MW)	Date	Location	Owner
Morony	48	1930	Gt. Falls	PPL
Cochrane	60	1958	Gt. Falls	PPL
Rainbow	36	1910	Gt. Falls	PPL
Black Eagle	21	1891	Gt. Falls	PPL
Holter	48	1918	Wolf Creek	PPL
Hauser	19	1911	Helena	PPL
Madison	8	1906	Ennis	PPL
Thompson Falls	94	1915	Thompson Falls	PPL
Kerr	196	1938	Polson	PPL
Mystic Lake	12	1925	Fishtail (Billings)	PPL
Ryan Dam	60	1915	Gt. Falls	PPL
Noxon Rapids	466	1959		Avista
Cabinet Gorge	231	1952		Avista